

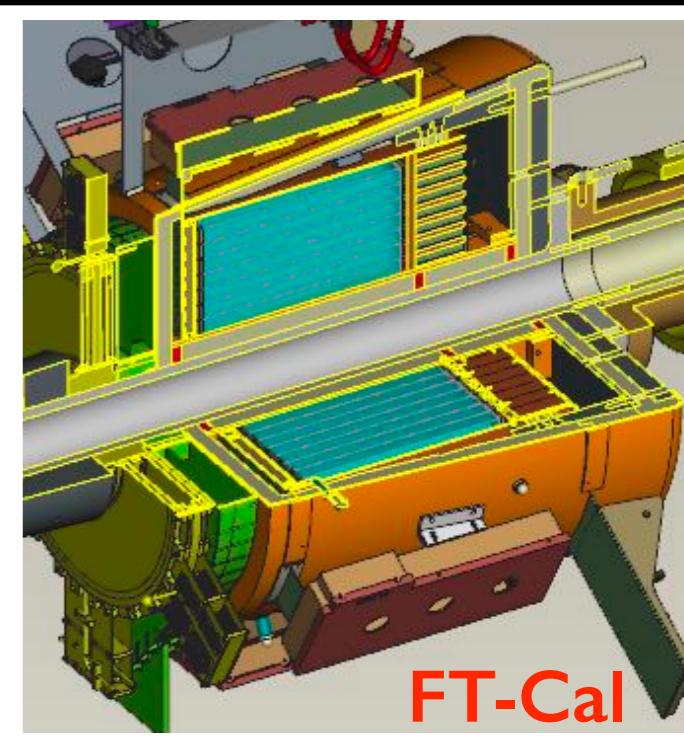
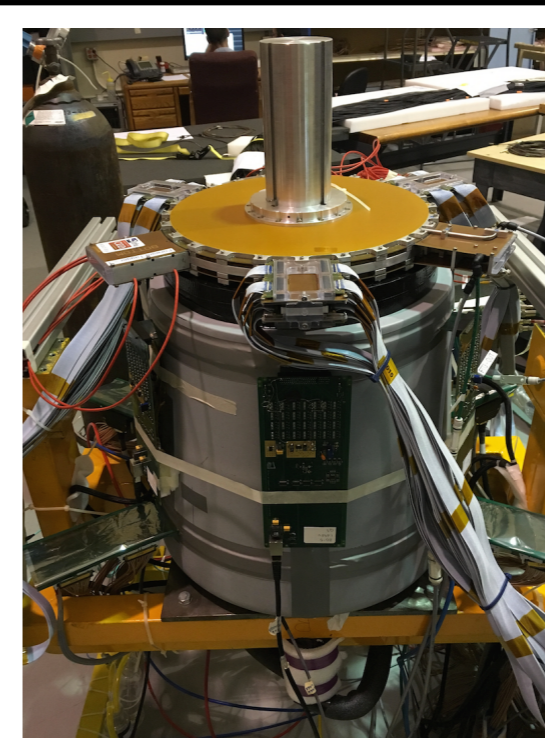
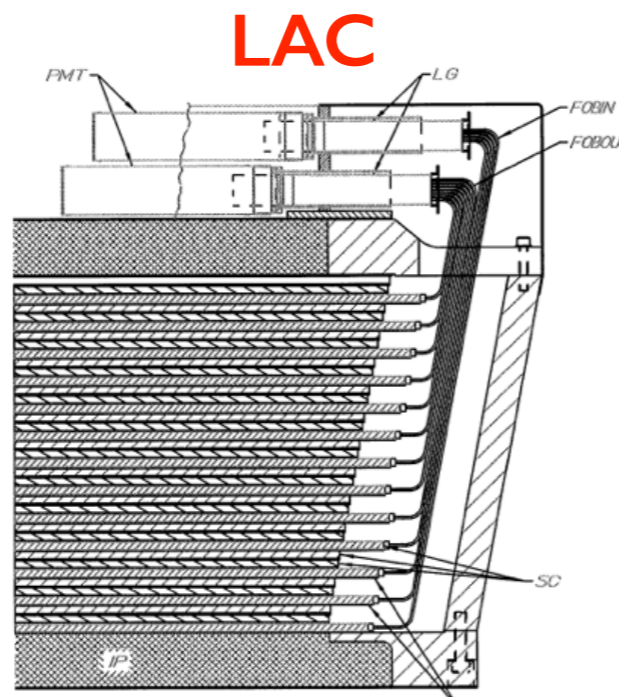
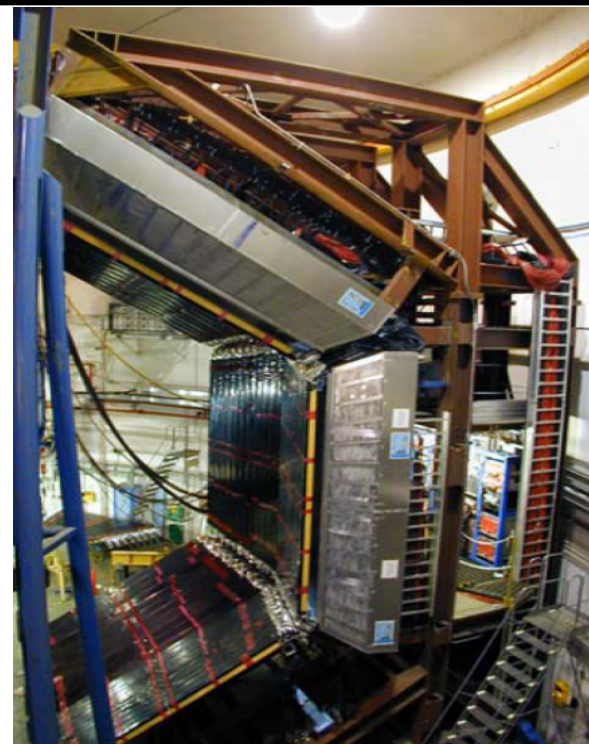
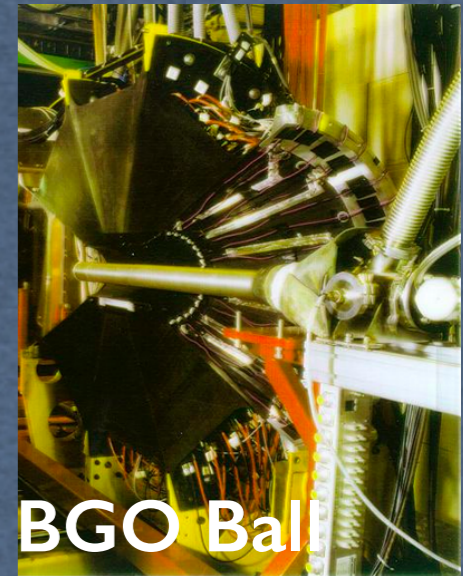
INFN-GE

INFN-GE group: 5 staff + postdocs, students

Hadron spectroscopy + exotic matter search (light Dark Matter)

INFN-GE group has expertise in EM calorimeters

- BGO Ball (GRAAL - ESRF Grenoble FR): BGO, PMTs, CAMAC
- CLAS Large Angle Calorimeter (Jefferson Lab): sampling, plastic +Pb, PMT, FastBus
- HPS ECal (Jefferson Lab): PbWO₄, APD, fADC
- CLAS12 Forward Tagger FT-Cal (Jefferson Lab): PbWO₄, APD, fADC
- BDX calorimeter: CsI(Tl) (BaBar crystals), SiPM, fADC triggerless

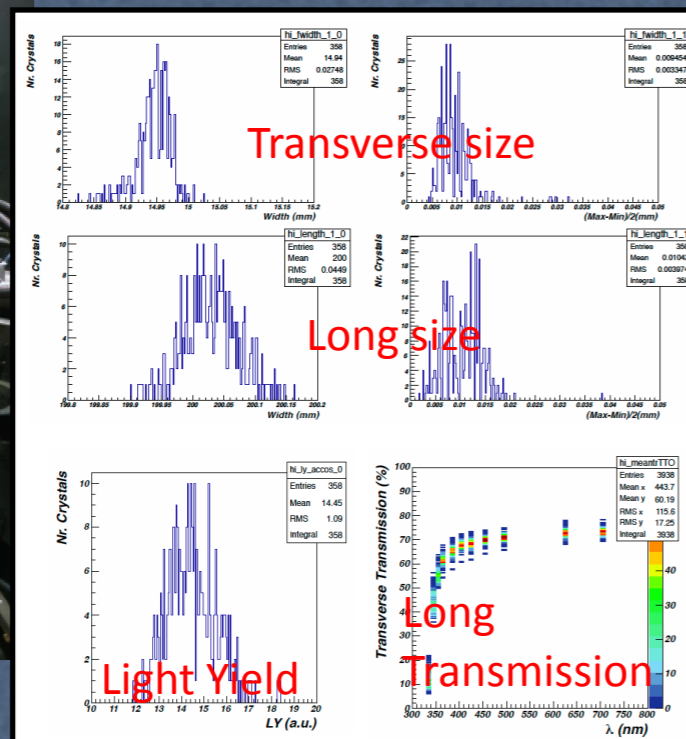
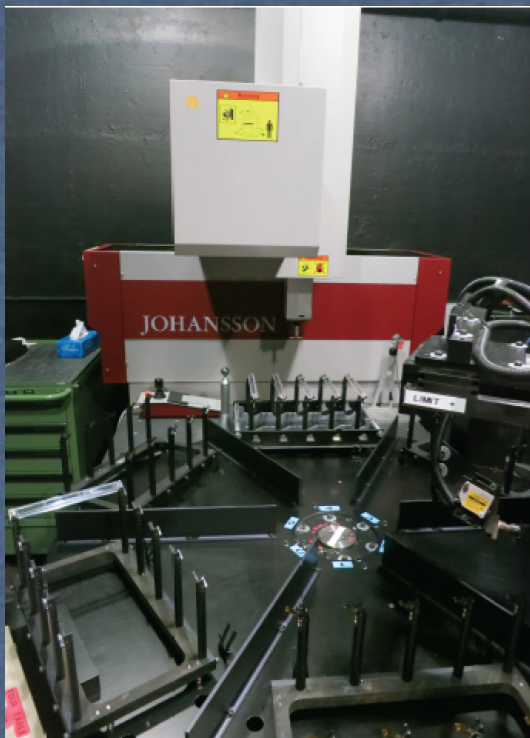


INFN-GE contributions to EIC Detector R&D

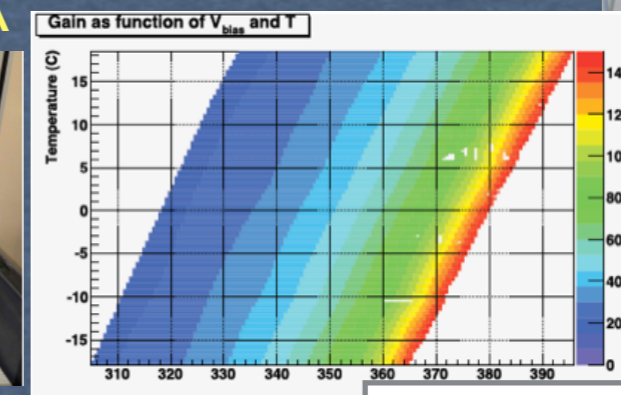
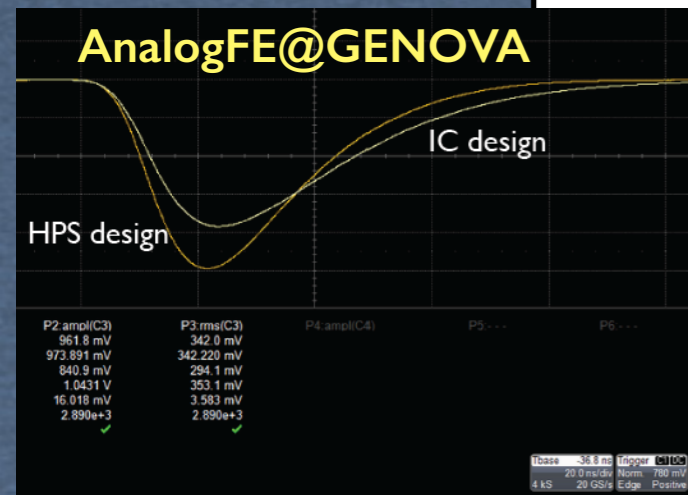
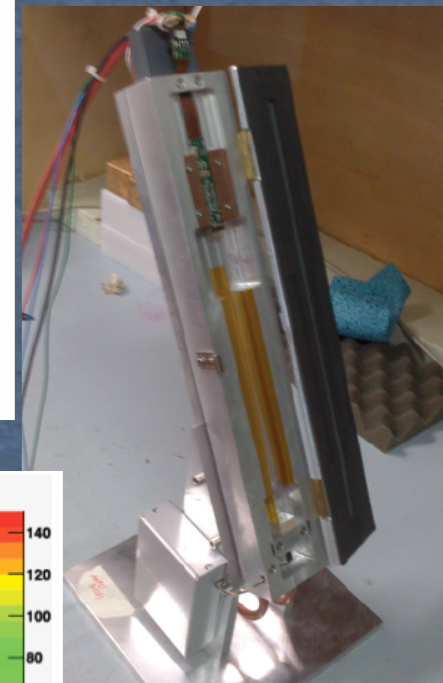
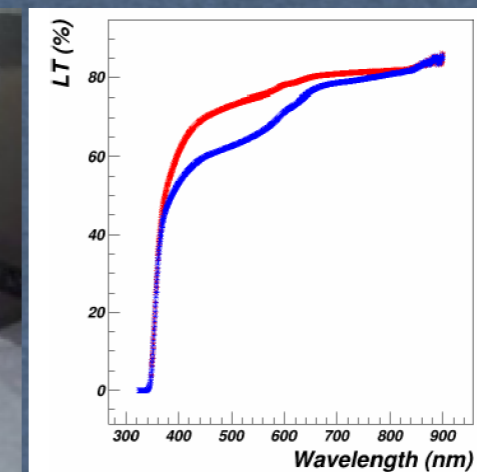
ACCOS@CERN

Sthralumcenter@GIESSEN

CrystalTest@GENOVA



APDTest@GENOVA



Crystals (BSO, BaF, CsI(Tl)PbWO) +siPM@GENOVA

CsI BaBar crystal + 3x3 SiPM
Time resolution: $\sigma = 6\text{ ns}$

